

**ADDENDUM TO THE FACT SHEET  
FOR NATIONAL POLLUTANT DISCHARGE  
ELIMINATION SYSTEM (NPDES)  
PERMIT NO. WA-002406-6**

**I. GENERAL INFORMATION**

**CITY OF BRIDGEPORT  
P.O. BOX 640  
BRIDGEPORT, WASHINGTON 98813**

**II. APPLICATION REVIEW**

An application for permit reissuance was submitted to the Department of Ecology (Department) on August 18, 2003, and accepted by the Department on September 8, 2003. Prior to making a determination whether to reauthorize an existing permit or conduct a full renewal, a thorough review of the permit and compliance history of the facility is conducted. This review shall be sufficiently detailed as to insure the following:

- That the permittee is in substantial compliance with all of the terms, conditions, requirements and schedules of compliance of the expired permit;
- That the Department has up-to date information on the Permittee's waste treatment practices; nature, content, and frequencies of Permittee's discharge; either pursuant to the submission of new forms and applications or pursuant to monitoring records and reports resubmitted to the Department by the permittee; and
- That the discharge is consistent with applicable effluent standards and limitations, water quality standards, and other legally applicable requirements listed in WAC 173-220-130.

The application for the City of Bridgeport POTW and discharge monitoring reports (DMRs) were reviewed and they indicate no change in the treatment characteristics of the effluent process or increases in volume of wastewater have occurred.

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### **III. PERMIT REAUTHORIZATION**

This fact sheet addendum accompanies the draft permit, which is to be reauthorized to the City of Bridgeport POTW for the discharge of wastewater to the Columbia River, at River Mile: 543.7. The previous fact sheet is also part of this administrative record and explains the basis for the discharge limitations and conditions of the reauthorized permit.

The fact sheet and application lists no existing or proposed industrial users of the POTW.

The existing permit requirements, including discharge limitations and monitoring, do not need to be changed to protect the receiving water quality. The previous fact sheet adequately addressed conditions and issues at the facility at the time when the previous permit was issued. The Department has not received any information during the course of the previous permit term indicating environmental impacts from the discharge were overlooked. Nor have incidents severe enough to undertake a complete renewal of the permit occurred during that time period.

The discharge limits and conditions in effect at the time of expiration of the previous permit are carried over unchanged to this reauthorized permit. Assessment of compliance and inspections of the facility during the previous permit term indicate that the facility should not be placed on a high priority for permit renewal. The Department assigns a high priority for permit renewals in situations where water quality would materially benefit from a more stringent permit during the next five-year permit.

The permit reauthorization process, in concert with the routine renewal of high priority permits, allows the Department to reissue permits in a timely manner and minimize the number of active permits that have passed expiration dates. A system of ranking the relative significance of the environmental benefit to be gained by renewing a permit rather than reauthorizing a permit is followed during the Department's annual permit planning process. Each permit that is due for reissuance is assessed and compared with other permits that are also due for reissuance. The public is notified and input is sought after the initial draft ranking has tentatively established which permits are likely to be completely renewed and which are likely to be reauthorized. All relevant comments and suggestions are considered before a final decision is made regarding the type of reissuance for each permit.

There are no changes necessary to the previous permit conditions based on the data in following tables, the loading trends expressed in figure 1 and the findings of the recently submitted Permittee's Plan for Maintaining Adequate Capacity, PMAC.

Table 1 compares the influent characterization as reported this permit term with that reported during the previous term, 1993 to 1998.

**Table 1: Influent Characterization Compared to  
POTW Design Criteria and Past Influent Characterization**

Parameter	Units	Monthly Average			Maximum Average Monthly.		
		Current Value <sup>1</sup> June 2002-03	Last Cycle 1993-98	% of Design June 2002-03	Current Value <sup>2</sup> June 2001-03	Last Cycle 1993-98	% of Design June 2002-03
BOD <sub>5</sub>	mg/L	201.5	195.6	N/A	270 <sup>3</sup>	234	N/A
BOD <sub>5</sub>	lb./Day	305.1	317.1	87.2	441 <sup>3</sup>	371	126.0
Flow	MGD	0.2	0.199	66.7	0.25	0.214	83.3
pH	Std. Units	7.4	7.7	N/A	need app	7.8	N/A
Temperature	°C	16.2	16	N/A	need app	21.1	N/A
TSS	mg/L	210.9	252.3	N/A	336 <sup>4</sup>	325	N/A
TSS	lb/Day	327.6	403.3	81.9	570 <sup>4</sup>	550	142.5

<sup>1</sup> Average value based on a one year time frame from June 2002 to June 2003.

<sup>2</sup> Maximum Monthly Average taken from DMRs between June 2003 to June 2001

<sup>3</sup> Highest values occurred in July and November of 2001.

<sup>4</sup> Highest value occurred in July 2001.

From the above table, the Department has determined that the Town has exceeded 85% of its design criteria for BOD and TSS during the previous permit cycle. In permit Condition S4.B., the Town was required to submit to the Department a Plan for Maintaining Adequate Capacity (PMAC) whenever 85% of any one or more design criteria have been exceeded for three or more consecutive months. The PMAC was received at the Department in October 2001. The plan predicts negative population growth for the next 20 years, which is attributed to the decline of agricultural activity in the area.

Figure 1 depicts the TSS and BOD loading decline as predicted in the General Sewer Plan Review Draft. Based on this declining trend the Department is not requiring an additional PMAC be conducted at this time.

Figure 1

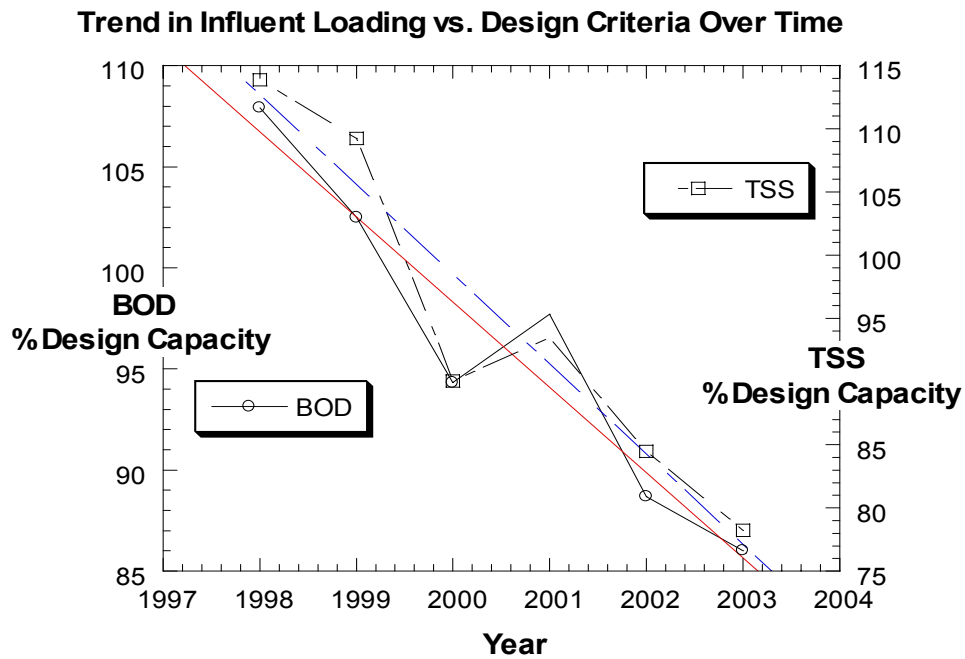


Table 2 contains a direct comparison of the effluent parameters reported this current permit term, 1998 to 2003, with the previous five year permit term (1993-1998). It is clear that although the treatment plant has received at times influent loading beyond 85% of design capacity, the plant is capable of treating the loads very well.

**Table 2 Effluent Characterization Compared to Permit Limits and Past Effluent**

Parameter	Units	5 Year Cumulative Monthly Average			Average Monthly Maximum/Minimum		
		Current Value	Last Permit Cycle	% of Permit Limit	Current Value	Last Permit Cycle	% of Permit Limit
<b>BOD<sub>5</sub></b>	mg/L	<b>2.3</b>	<b>2.7</b>	<b>7.7</b>	<b>4 (max) / 4</b>		<b>13.3</b>
<b>BOD<sub>5</sub> % Removal</b>	lb./Day	<b>98.9</b>	<b>94.8</b>	N/A	<b>97 (min) / 98</b>		N/A
<b>DO</b>	mg/L	<b>4.1</b>	<b>5.7</b>	N/A	<b>1.4 (min) / 4.9</b>		N/A
<b>Fecal Coliform Bacteria</b>	# colonies per 100 ml	<b>2.5</b>	<b>4.9</b>	<b>1.3</b>	<b>41 (max) / 14</b>		<b>20.5</b>
<b>pH</b>	Std. Units	<b>7.3</b>	<b>7</b>	N/A	<b>7.9 (max) / 7.1</b>		N/A
<b>TSS</b>	mg/L	<b>3.5</b>	<b>5</b>	<b>11.7</b>	<b>5 (max) / 7</b>		<b>20</b>
<b>TSS % Removal</b>	lb./Day	<b>98.2</b>	<b>98.1</b>	N/A	<b>96 (min) / 97</b>		N/A

Public notice of the availability of the draft reauthorized permit is required at least 30 days before the permit is issued [Washington Administrative Code (WAC) 173-220-050]. The fact sheet and draft permit are available for review (see Appendix A - Public Involvement for more detail on the Public Notice procedures).

After the public comment period has closed, the Department will summarize the substantive comments and the response to each comment. The summary and response to comments will become part of the file for the permit and parties submitting comments will receive a copy of the Department's response. Comments and the resultant changes to the permit will be summarized in the fact sheet addendum, Appendix B - Response to Comments.

**IV. RECOMMENDATION FOR PERMIT ISSUANCE**

The Department proposes that this permit be reauthorized for five years.

## **APPENDIX A -- PUBLIC INVOLVEMENT INFORMATION**

The Department has determined to reauthorize a discharge permit to the applicant listed on page 1 of this fact sheet addendum. The permit contains conditions and effluent limitations that are described in the fact sheet.

Public notice of application was published on July 16, 2003 in the Wenatchee World to inform the public that an application had been submitted and to invite comment on the reauthorization of this permit.

The Department will publish a Public Notice of Draft (PNOD) on October 2, 2003 in the Quad City Herald to inform the public that a draft permit and fact sheet are available for review. Interested persons are invited to submit written comments regarding the draft permit. The draft permit, fact sheet, and related documents are available for inspection and copying between the hours of 8:00 a.m. and 5:00 p.m. weekdays, by appointment, at the regional office listed below.

Water Quality Permit Coordinator  
Department of Ecology  
Central Regional Office  
15 West Yakima Avenue, Suite 200  
Yakima, WA 98902

Any interested party may comment on the draft permit or request a public hearing on this draft permit within the 30-day comment period to the address above. The request for a hearing shall indicate the interest of the party and the reasons why the hearing is warranted. The Department will hold a hearing if it determines there is a significant public interest in the draft permit (WAC 173-220-090). Public notice regarding any hearing will be circulated at least 30 days in advance of the hearing. People expressing an interest in this permit will be mailed an individual notice of hearing (WAC 173-220-100).

Comments should reference specific test followed by proposed modification or concern when possible. Comments may address technical issues, accuracy and completeness of information, the scope of the facility's proposed coverage, adequacy of environmental protection, permit conditions, or any other concern that would result from reauthorization of this permit.

The Department will consider all comments received within 30 days from the date of the PNOD indicated above, in formulating a final determination to issue, revise, or deny the permit. The Department's response to all significant comments is available upon request and will be mailed directly to people expressing an interest in this permit.

Further information may be obtained from the Department by telephone at (509) 457-7105, or by writing to the address listed above.

This Addendum to the fact sheet and the proposed permit were written by Richard Marcle.



**APPENDIX B -- RESPONSE TO COMMENTS**

No comments were received by the Department of Ecology.